

**kpff****DC2001 - Foss Waterway Remediation**

2201 Portland Ave Tacoma, WA 98421

253-502-2513

Fax: 253-272-2412

**Transmittal**CBNSR 23.63  
V014  
5/27/04**TO:****U.S. Environmental Protection Agency**US EPA, Region 10  
1200 6th Avenue, MS ECL-113  
Seattle, WA 98101ATTN: **Piper Peterson Lee**

FAX: 206-553-0124

PAGES:

DATE: 5/27/2004

SUBJECT: **Daily Sampling & Testing Report for 04-26-04 @ Martinac Shipyard for 11 Waste Pi****FROM:****Bill Conley****KPFF Consulting Engineers**101 Stewart Street  
Suite 800  
Seattle, WA 98101

PHONE: 253-502-2193

FAX: 253-272-2412

MOBILE: (b) (6)

**ITEMS TRANSMITTED:**

Qty	Item	Description
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1	Daily Sampling & Testing Report for 04-26-04 @ Martinac Shipyard for 11 Waste Piles	
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**REMARKS:**

Daily Sampling &amp; Testing Report for 04-26-04 @ Martinac Shipyard for 11 Waste Piles for your information

USEPA SF



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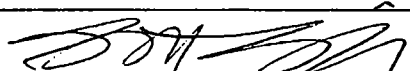
JUN 01 2004

Environmental Cleanup Office

CC: n/a

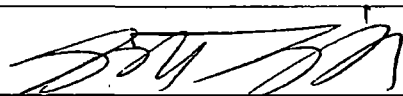
**Cross-References**

## Daily Sampling and Testing Report

<b>Date:</b> 04/26/04
<b>Sampling Site(s):</b> Martinac Shipyard
<b>Brief Description of Activities:</b> Collect waste characterization samples from 11 waste piles located beneath the dock at the Martinac Shipyard.
<b>Sketch of Sampling Location:</b>  See attached figure.
<b>List Samples Collected</b> (Attach Chain-of-Custody forms): See attached chain-of-custody form and soil sample tracking logs.
<b>Laboratory analytical results from previous sampling attached:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>Sampling date(s) of analytical results:</b> NA
<b>Comments:</b> No sample collected from Pile #4.  Copies of logbook pages attached.
<b>Signature:</b>  <b>Date:</b> 4/27/04

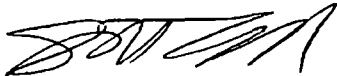
# SOIL SAMPLING TRACKING FORM

Sample #: SP-001-042604

Project Number:	<u>215-4553-001</u>
Project Name:	<u>Thea Foss - Manson</u>
Project Address:	<u>Tacoma, WA</u>
Client Name:	<u>Manson Construction</u>
Sample Location:	<u>Martinac Shipyard</u>
Date:	<u>04/26/04</u>
Sampled By:	<u>Scott Elkind</u>
Depth of Sample (feet):	<u>6", 5-pt composite</u>
Date/Time Sampled:	<u>04/26/04 1310</u>
Weather Conditions:	<u>Sunny, hot, temp 80s</u>
Laboratory:	<u>STL Tacoma</u>
Chain-of-Custody (yes/no):	<u>Yes</u>
Date Sent to Lab:	<u>04/26/04</u>
Shipment Method:	<u>Hand delivery</u>
<p><b>Remarks/Notes:</b> PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.</p> <p>Pile consisted of approx. 50-50 mixture of metal/debris and soil/sediment.</p>	
Signature:	 <u>4/27/04</u>

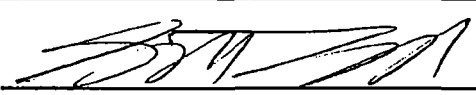
# SOIL SAMPLING TRACKING FORM

Sample #: SP-002-042604

Project Number:	215-4553-001
Project Name:	Thea Foss - Manson
Project Address:	Tacoma, WA
Client Name:	Manson Construction
Sample Location:	Martinac Shipyard
Date:	04/26/04
Sampled By:	Scott Elkind
Depth of Sample (feet):	2-6", 5-pt composite
Date/Time Sampled:	04/26/04 1400
Weather Conditions:	Sunny, hot, temp 80s
Laboratory:	STL Tacoma
Chain-of-Custody (yes/no):	Yes
Date Sent to Lab:	04/26/04
Shipment Method:	Hand delivery
<b>Remarks/Notes:</b> PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.  Pile consisted of about 30-40% soil/sediment. Hard to sample. Light petroleum odor.	
Signature:	 4/27/04

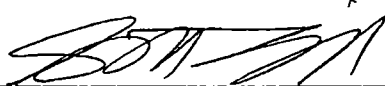
# SOIL SAMPLING TRACKING FORM

Sample #: SP-003-042604

Project Number:	<u>215-4553-001</u>
Project Name:	<u>Thea Foss - Manson</u>
Project Address:	<u>Tacoma, WA</u>
Client Name:	<u>Manson Construction</u>
Sample Location:	<u>Martinac Shipyard</u>
Date:	<u>04/26/04</u>
Sampled By:	<u>Scott Elkind</u>
Depth of Sample (feet):	<u>1-6", 5-pt composite</u>
Date/Time Sampled:	<u>04/26/04 1430</u>
Weather Conditions:	<u>Sunny, hot, temp 80s</u>
Laboratory:	<u>STL Tacoma</u>
Chain-of-Custody (yes/no):	<u>Yes</u>
Date Sent to Lab:	<u>04/26/04</u>
Shipment Method:	<u>Hand delivery</u>
<p><b>Remarks/Notes:</b> PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.</p> <p>Pile consisted of about 20-30% soil/sediment. Hard to sample. Strong petroleum odor and some sheen.</p>	
Signature:	 <u>4/27/04</u>


# SOIL SAMPLING TRACKING FORM

Sample #: SP-005-042604

Project Number:	<u>215-4553-001</u>
Project Name:	<u>Thea Foss - Manson</u>
Project Address:	<u>Tacoma, WA</u>
Client Name:	<u>Manson Construction</u>
Sample Location:	<u>Martinac Shipyard</u>
Date:	<u>04/26/04</u>
Sampled By:	<u>Scott Elkind</u>
Depth of Sample (feet):	<u>6", 5-pt composite</u>
Date/Time Sampled:	<u>04/26/04 1230</u>
Weather Conditions:	<u>Sunny, hot, temp 80s</u>
Laboratory:	<u>STL Tacoma</u>
Chain-of-Custody (yes/no):	<u>Yes</u>
Date Sent to Lab:	<u>04/26/04</u>
Shipment Method:	<u>Hand delivery</u>
<b>Remarks/Notes:</b> PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.  Metal debris w/ soil/sediment. Hard, +1" crust.	
Signature:	<u> 4/27/04</u>

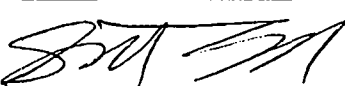
# SOIL SAMPLING TRACKING FORM

Sample #: SP-006-042604

Project Number:	<u>215-4553-001</u>
Project Name:	<u>Thea Foss - Manson</u>
Project Address:	<u>Tacoma, WA</u>
Client Name:	<u>Manson Construction</u>
Sample Location:	<u>Martinac Shipyard</u>
Date:	<u>04/26/04</u>
Sampled By:	<u>Scott Elkind</u>
Depth of Sample (feet):	<u>1-6", 5-pt composite</u>
Date/Time Sampled:	<u>04/26/04 1345</u>
Weather Conditions:	<u>Sunny, hot, temp 80s</u>
Laboratory:	<u>STL Tacoma</u>
Chain-of-Custody (yes/no):	<u>Yes</u>
Date Sent to Lab:	<u>04/26/04</u>
Shipment Method:	<u>Hand delivery</u>
<p>Remarks/Notes: PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.</p> <p>Pile consists of mostly metal debris with 20% or less soil/sediments. Difficult to sample.</p>	
Signature:	<u> 4/27/04</u>

# SOIL SAMPLING TRACKING FORM

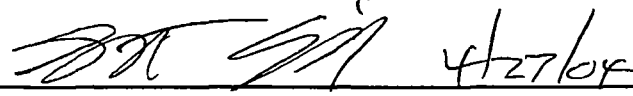
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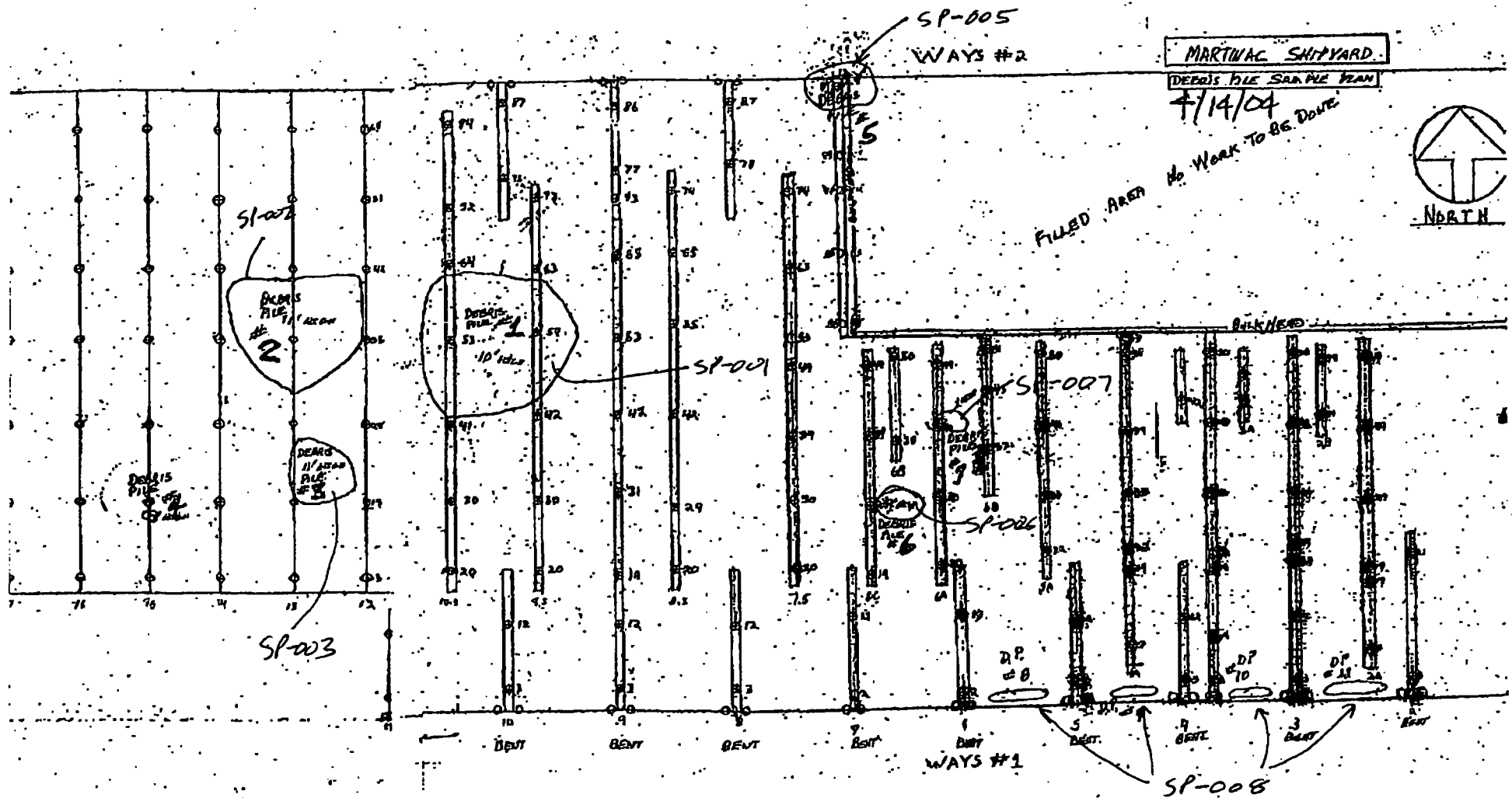
Project Number:	<u>215-4553-001</u>
Project Name:	<u>Thea Foss - Manson</u>
Project Address:	<u>Tacoma, WA</u>
Client Name:	<u>Manson Construction</u>
Sample Location:	<u>Martinac Shipyard</u>
Date:	<u>04/26/04</u>
Sampled By:	<u>Scott Elkind</u>
Depth of Sample (feet):	<u>1-4", 5-pt composite</u>
Date/Time Sampled:	<u>04/26/04 1300</u>
Weather Conditions:	<u>Sunny, hot, temp 80s</u>
Laboratory:	<u>STL Tacoma</u>
Chain-of-Custody (yes/no):	<u>Yes</u>
Date Sent to Lab:	<u>04/26/04</u>
Shipment Method:	<u>Hand delivery</u>
<b>Remarks/Notes:</b> PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.	
Mostly metal debris with less than 10% soil/sediment.	
Signature:	<u> 4/27/04</u>



# SOIL SAMPLING TRACKING FORM

Sample #: SP-008-042604

Project Number:	215-4553-001
Project Name:	Thea Foss - Manson
Project Address:	Tacoma, WA
Client Name:	Manson Construction
Sample Location:	Martinac Shipyard
Date:	04/26/04
Sampled By:	Scott Elkind
Depth of Sample (feet):	6", 5-pt composite
Date/Time Sampled:	04/26/04 1245
Weather Conditions:	Sunny, hot, temp 80s
Laboratory:	STL Tacoma
Chain-of-Custody (yes/no):	Yes
Date Sent to Lab:	04/26/04
Shipment Method:	Hand delivery
<b>Remarks/Notes:</b> PAHs, Pesticides, PCBs, NWTPH-dx, RCRA 8 metals using TCLP extraction. See COC #01003.  Composite of Piles 8-11. Metals debris w/ soil/sediment and minor wood debris.	
Signature:	 4/27/04



**STL Seattle**  
**5755 8th Street E.**  
**Tacoma, WA 98424**  
**Tel. 253-922-2310**  
**Fax 253-922-5047**  
**[www.stl-inc.com](http://www.stl-inc.com)**

SEVERN  
TRENT

# STL

[illegible]

**DISTRIBUTION:** WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

STL8274-580 (12/02)

Martinez Sampling 4/26/04 *JS*

1145 Arrive @ Martinez site. Locate waste piles to be sampled. Can not reach Piles 1-4 until tide goes out further. Prepare for Sampling

1230 Begin sample Pile #5. Metal debris mixed with soil/sediment. Hard crust (2-3").

1245 Sample Piles 8-11 (composites). Same type material as #5 with some wood debris.

1300 Sample Pile #7. Mostly metal debris w/ >10% soil/sediment. Difficult to sample, mostly surface material for analysis. Jeff Walker at KIFF onsite. ID vehicle for add sampling containers, etc.

1345 Begin sampling Pile #6. Again mostly metal debris, 20% or less soil/sediment. Difficult to sample. Michael Lloyd at Manson onsite.

1310 Sample Pile #1. About 50-50% mix of metal + debris w/ soil/sedi.

Mud-time Sampling 4/27/04 *JS*

1400 Sample Pile #2. Only about 30-40% soil/sediment. Hard in most spot, difficult to sample. Light oil odor in most subsamples.

1430 Sample Pile #3. Mostly debris, 20-30% soil/sediments. Very hard to sample. Soil/sediments in pockets. Strong oil odor and sheen on materials.

1445 Prepare samples for transportation to lab. Will return to site in 1630 for low tide to try to sample Pile #4. Offsite

1600 Onsite. Can't reach pile water + soft bottom. Speak with Amerson employee. Says bottom is very soft + difficult to walk. Jeff Walker onsite. Agree not to do pile at this time. Call Michael Lloyd to advise of situation. Will try sample @ next low tide (early May).

1640 Offsite.

*JS* Hzeby